

CLAIMS

We Claim:

1        1. A device for the automatic control of joints in electrical  
2 high voltage lines, comprising:  
3            a first support;  
4            a first wheel for lying on the line;  
5            a driving means for driving of said first wheel;  
6            at least one second wheel, for lying on said line;  
7            a measurement unit in contact with means for the measurement  
8 of physical data at said joint, said measurement unit comprising at  
9 least one pointed element for electrical contact with the line,  
10           wherein at least one of said first and second wheels is  
11           provided electrically connected to said measurement unit.

1        2. The device according to claim 1, wherein at least two of  
2 said first and second wheels are electrically connected to said  
3 measurement unit, the device further comprising:  
4            means for feeding current is provided to feed an electrical  
5 current from the first wheel to the second wheel through the line.

1       3. The device according to claim 1, wherein the means for  
2 measurement of physical data in the form of one pointed element  
3 also comprise at least one of said first and second wheels.

1       4. The device according to claim 1, further comprising:  
2           a retainer, journalled in the support so as to be swung up  
3 below the line to increase pressure of the wheel against the line.

1       5. The device according to claim 2, further comprising:  
2           a retainer, journalled in the support so as to be swung up  
3 below the line to increase pressure of the wheel against the line.

1       6. The device according to claim 3, further comprising:  
2           a retainer, journalled in the support so as to be swung up  
3 below the line to increase pressure of the wheel against the line.

1       7. The device according to claim 1, further comprising:  
2           measurement indicators for measurement of the position of the  
3 device in relationship to the actual joint.

1       8. The device according to claim 2, further comprising:  
2            measurement indicators for measurement of the position of the  
3 device in relationship to the actual joint.

1       9. The device according to claim 3, further comprising:  
2            measurement indicators for measurement of the position of the  
3 device in relationship to the actual joint.

1       10. The device according to claim 4, further comprising:  
2            measurement indicators for measurement of the position of the  
3 device in relationship to the actual joint.

1       11. The device according to claim 5, further comprising:  
2            measurement indicators for measurement of the position of the  
3 device in relationship to the actual joint.

1       12. The device according to claim 6, further comprising:  
2            measurement indicators for measurement of the position of the  
3 device in relationship to the actual joint.

1           13. The device according to claim 7, wherein the measurement  
2 indicator comprises a laser distance gauge.

1           14. The device according to claim 8, wherein the measurement  
2 indicator comprises a laser distance gauge.

1           15. The device according to claim 9, wherein the measurement  
2 indicator comprises a laser distance gauge.

1           16. The device according to claim 10, wherein the measurement  
2 indicator comprises a laser distance gauge.

1           17. The device according to claim 11, wherein the measurement  
2 indicator comprises a laser distance gauge.

1           18. The device according to claim 12, wherein the measurement  
2 indicator comprises a laser distance gauge.